

OMM

Hotstart's OMM heating system is an oil heater, developed to heat oil reservoirs of marine engines as well as diesel and gas engines for stationary land power, and mining equipment.



CLEAN, FULL POWER STARTS

Marine heating systems allow large-displacement propulsion engines to start clean and deliver full-power right away without a warm-up delay or idling. Engine heating in humid marine environments prevents condensation from forming in the cylinders during cool down periods – eliminating starting issues and reducing maintenance.



COMPACT PACKAGED DESIGN

Designed with usability, reliability and safety in mind, the OMM's compact configuration features customer connections for remote control and system status, pressure relief bypass valve and two PT-100 sensors for accurate temperature monitoring and control.



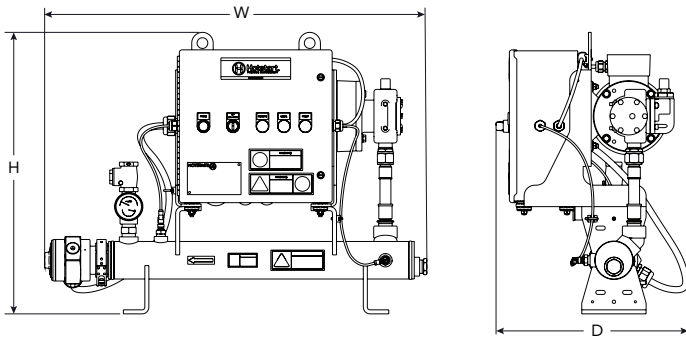
DESIGN FLEXIBILITY

The OMM heater is available in a range of heater power levels, 50 and 60 Hz voltages up to 690 V, and custom interfaces and fluid connections as needed, allowing for easy integration into existing power, control systems, and plumbing.



SUPPORT & SERVICE

Hotstart's offices in North America, Europe and Asia – combined with our partner and dealer network around the globe, decrease delivery times and provide localized service and support.



Model Information

Proper heating system specification is dependent on multiple factors, including heated area dimensions, fluid volumes, ambient conditions, and other considerations. Additional heating system options not listed, including heat power, may be available.

For assistance in selecting the heating system for your application, contact Hotstart at sales@hotstart.com.

Height (H)	Width (W)	Depth (D)	Weight
26.3"	35.6"	17"	155 lbs
667 mm	904 mm	432 mm	70 kg

System	
Phase	single-phase (1 Ø) three-phase (3 Ø)
Voltage (50 Hz)	230V 380V 400V (380-415 V) 415V 690V
Voltage (60 Hz)	120V 208V 220V 240V 380V 440V 480V 600V 690V
Control Box Ingress	NEMA 4 / IP66
Motor Ingress	IP55
Min./Max. Ambient Temp.	-4 °F / 104 °F (-20 °C / 40 °C)
Certification	CSA C/US CE UKCA Marine Society certification available

Oil	
Fluid Type	Engine Oil Hydraulic Fluid Gear Oil Diesel Fuel
Heat Power	3kW 4.5 kW 6kW
Temp. Control	32–176 °F (0–80 °C), adjustable
Control Set Point	104 °F (40 °C), factory set
Temp. High-limit	195 °F (90 °C)
Pump Power	2 hp (1.5 kW)
Flow (50 Hz)	9.5 gpm (2.2 m³/hr) 19 gpm (4.3 m³/hr)
Flow (60 Hz)	11 gpm (2.5 m³/hr) 23 gpm (5.2 m³/hr)
Inlet/Outlet	1" NPT Standard
Pressure Relief	75 psi (517 kPa)
Max. Pressure	100 psi (690 kPa)

Options shown represent typical tested or certified configurations. Additional options or configurations may be available. For assistance with your heating system application, contact Hotstart at sales@hotstart.com.